


## P. 11



**CERTIFICATE OF FACSIMILE TRANSMISSION** I hereby certify that this paper, along with any referred to as being attached or enclosed, is being forwarded to Commissioner for Patents, Alexandria, VA 22313, via Facsimile transmission to 703-746-4060 on the 1<sup>st</sup> day of October 2004.

**By:**

**Beth Pearson-Naul**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :  
Graham A. Gaston et al.

Graham A. Gaston et al.

**Serial No.: 10/806,009**

**Filed: March 22, 2004**

**Title: "Use of Pattern Recognition in a Measurement of Formation Transit Time for Seismic Checkshots"**

### Measurement of Formation

### Transit Time for Seismic

## Checkshots™

www.ck12.org

**Confirmation No.: 1214**

**Attorney Docket: 414-35351-US**

**Group Art Unit:**

**Commissioner for Patents**  
**P. O. Box 1450**  
**Alexandria, Virginia 22313-1450**

**P. O. Box 1450**

**Alexandria, Virginia 22313-1450**

**PETITION IN SUPPORT OF APPLICATION FILED  
UNDER 37 C.F.R. 1.47(a)**

**UNDER 37 C.F.R. 1.47(a)**

This is a petition for acceptance of a Declaration and Power of Attorney filed by a joint inventor on behalf of an unavailable joint inventor. In support of the petition, the following facts are presented:

1. The named inventors of the above-identified application are:  
Graham Gaston  
Holger Mathiszik  
Hans Rehbock
2. Following is a list of inventors, along with the last known address of each, who have

Graham Gaston  
Holger Mathiszik  
Hans Rehbock

**Holger Mathiszik**

**Hans Rehbock**

2. Following is a list of inventors, along with the last known address of each, who have

Exhibit B. No reply from Mr. Rehbock was received. Copies of the delivery documents and correspondence are attached as Exhibit B.

11. Response to the Notice to File Missing Requirements was originally due on 1 August 2004.
12. In order to protect the interests of Baker Hughes, Petitioner respectfully requests that the application be accepted on behalf of the non-signing inventors by the signature of all other signing inventors identified in Paragraph 1 above.

A fee of \$ 130.00 is believed to be due for this petition. The Commissioner is authorized to charge any under payment or credit any overpayment associated with this communication to Deposit Account No. 02-0429 (414-35351).

Respectfully submitted,



Date: 1 October 2004

David A. Walker  
Registration No. 52,334  
MADAN, MOSSMAN & SRIRAM, P.C.  
2603 Augusta Drive, Suite 700  
Houston, Texas 77057-5638  
Telephone: (713) 266-1130  
Facsimile: (713) 266-8510



## **EXHIBIT A**

**Inventors' Declaration**



## DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As the below named inventors, we hereby declare that:

Our residence, post office address and citizenship are as stated below under our names.

We believe that we are the original, first and joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled **USE OF PATTERN RECOGNITION IN A MEASUREMENT OF FORMATION TRANSIT TIME FOR SEISMIC CHECKSHOTS**, the specification of which was filed on March 22, 2004, receiving the Serial No. 10/806,009.

We hereby state that we have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

We acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Sec. 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

We hereby claim foreign priority benefits under Title 35, U.S.C., Sec. 119(a)-(d) or (f), or 365(b), of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate, or any PCT international application having a filing date before that of the application on which priority is claimed.

### PRIOR FOREIGN APPLICATION(S)

NUMBER	COUNTRY	(DAY/MONTH/YEAR FILED)	PRIORITY CLAIMED
			YES NO

We hereby claim the benefit under Title 35, U.S.C., Sec. 120 of any United States application or under Title 35, U.S.C., Section 119(e) of any provisional application listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in any prior United States application in the manner provided by the first paragraph of Title 35, U.S.C., Sec. 112. We acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

SERIAL NO.	FILING DATE	STATUS
60/546,151	March 20, 2003	

We hereby appoint, Stephen A. Littlefield (Reg. No. 27,923), Matt W. Carson (Reg. No. 33,662), J. Albert Riddle (Reg. No. 33,445), Darryl M. Springs (Reg. No. 24,799), Brian S. Welborn (Reg. No. 39,065), Timothy Donoughue (Reg. No. 46,668), Paul S. Madan (Reg. No. 33,011), Kaushik P. Sriram (Reg. No. 43,150), David L. Mossman (Reg. No. 29,570), G. Michael Roebuck (Reg. No. 35,662), Todd A. Bynum (Reg. No. 39,488), Gene L. Tyler (Reg. No. 35,395), William E. Schmidt (Reg. No. 47,064), Chandran D. Kumar (48,679), David A.

Declaration/Power of Attorney

Walker (Reg. No. 52,334) and Shawn K. Hunter (Reg. No. 36,168), attorneys with full power of substitution and revocation to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Please address all correspondence regarding this application to:

Customer No. 44871  
Madan, Mossman & Sriram, P.C.  
2603 Augusta Drive, Suite 700  
Houston, Texas 77057

Direct all telephone calls to Gene L. Tyler at (713) 266-1130, ext. 122.

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the U.S.C. and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Inventor: Graham A. Gaston  
Residence: Hannover, Germany  
Post Office Address: Muthesiusweg 39  
Hannover, Germany  
Citizen Of: United Kingdom

21/6/04  
Date

G.A. Gaston  
Name

Inventor: Holger Mathiszik  
Residence: Wathlingen, Germany  
Post Office Address: Reiherstieg 51  
29339 Wathlingen  
Germany  
Citizen Of: Germany

21.06.04  
Date

[Signature]  
Name

Declaration/Power of Attorney

Inventor: Hans Rehbock  
Residence: Wienhausen, Germany  
Post Office Address: Letchenweg 6  
29342 Wienhausen,  
Germany  
Citizen Of: Germany

---

Date

---

Name



## **EXHIBIT B**

Cover letter to Hans Rehbock  
DHL Shipping Bill  
Detail of DHL Tracking showing deliver



**INTEQ**

July 27, 2004

Legal Department  
2001 Rankin Road  
Houston, Texas 77073  
P. O. Box 670968  
Houston, Texas 77267-0968  
Tel 713-625-4200  
Fax 713-625-5857

**Via Overnight Delivery**

Mr. Hans Rehbock  
Letchenweg 6  
29342 Wienhausen  
Germany

Re: 414-35351-US  
"Use of Pattern Recognition in a Measurement of Formation Transit Time for Seismic  
Checkshots"

Dear Mr. Rehbock:

Please sign the attached Assignment and Declaration as soon as possible, and return the originals by  
overnight delivery to:

Sheri Cromwell  
Legal Department  
INTEQ/Baker Hughes  
2001 Rankin Road  
Houston, Texas 77073

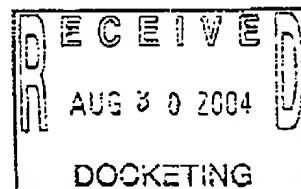
If you have any questions, please contact me at 713-625-6339.

Thank you for your attention to this matter.

Very truly yours,

A handwritten signature in cursive script that reads 'Sheri Cromwell'.

Sheri Cromwell  
Legal Secretary







<b>RETURNED TO SENDER</b> 050591402-3 QTY 300 Process and Track your shipment online: <a href="http://www.dhl-usa.com">http://www.dhl-usa.com</a> 1-800-CALL-DHL is (US only) <b>EXPRESS</b>	Charge to <input checked="" type="checkbox"/> Shipper <input type="checkbox"/> Receiver <input type="checkbox"/> 3rd Party Payor Account No. _____ Shipment Value Protection (see reverse) <input type="checkbox"/> Yes Declared Value for Carriage (in US \$) _____ <input type="checkbox"/> No	From (Shipper) Shipper's Account Number 050591402 Shipper's Reference (up to 35 characters) 111 111 111	To (Receiver) Company Name BAKER HUGHES INTEQ Address 2001 RANKIN RD HOUSTON TX Phone, Fax, or Email (required) 775735114 17131625-4200	Delivery Address DHL Cannot Deliver to a PO Box Country Phone, Fax, or Email (required) 011-4154123168
<b>1 Payer account number and shipment value protection details</b> Payment Method: <input type="checkbox"/> Cash <input type="checkbox"/> Check <input type="checkbox"/> Credit Card Payment details: _____ Payment reference: _____				
<b>2 From (Shipper)</b> Shipper's Account Number: 050591402 Shipper's Reference (up to 35 characters): 111 111 111				
<b>3 To (Receiver)</b> Company Name: BAKER HUGHES INTEQ Address: 2001 RANKIN RD, HOUSTON TX Phone, Fax, or Email (required): 775735114, 17131625-4200				
<b>4 Shipment Details</b> Total Number of Packages: 1 Total Weight (if DHL Express) _____ Dimensions (in inches): Length _____, Width _____, Height _____ Pieces: _____ Packaging used: <input type="checkbox"/> Box <input type="checkbox"/> Tube <input type="checkbox"/> Other _____ Net Weight (if DHL Express) _____ Dimensions (in inches): Length _____, Width _____, Height _____ Pieces: _____ Packaging used: <input type="checkbox"/> Box <input type="checkbox"/> Tube <input type="checkbox"/> Other _____				
<b>5 Full Description of Contents</b> Give Content and Quantity. DHL Does Not Transport Cash _____ _____ _____				
<b>6 Dutiable Shipments Only (Customs requirement)</b> Attach the original and four copies of a Commercial Invoice or Pro Forma Export License (as Symbol (if applicable) Receiver's VALUIST or Shipper's ENVOI) Value for Customs (in US \$) _____ (if on Commercial Invoice Form Invoice) _____ Schedule B Number / Harmonized Code (if applicable) _____				
<b>7 Shipper's Authorization (signature required)</b> I, _____, hereby authorize DHL to transport the above described goods to the destination and to perform all other duties and services necessary to transport this shipment. I understand that DHL's Value Protection is available on request for an extra charge. I agree to pay all charges if the recipient or add party refuses to pay. I understand that DHL DOES NOT TRANSPORT CASH. Signature (required) _____ Date: 11/11/11				
<b>8 Product &amp; Services</b> Product: <input type="checkbox"/> General Mail <input type="checkbox"/> Priority <input type="checkbox"/> Express <input type="checkbox"/> Registered Mail <input type="checkbox"/> Signature Required <input type="checkbox"/> Insured <input type="checkbox"/> Other _____ Service: <input type="checkbox"/> Standard <input type="checkbox"/> Next Business Day <input type="checkbox"/> Second Business Day <input type="checkbox"/> Other _____ Additional Services: <input type="checkbox"/> Non-Delivery <input type="checkbox"/> Hold for Pickup <input type="checkbox"/> Delivery Notification <input type="checkbox"/> Other _____ For all products or services options are available before all locations.				
<b>9 DIMENSIONS/CHARGEABLE WEIGHT</b> DIMENSIONS/CHARGEABLE WEIGHT _____ lbs				
<b>10 SERVICES</b> SERVICES _____ CHARGES _____ Drop Box # _____ TOTAL _____ TRANSPORT COLLECT STICKER No. _____ PAYMENT DETAILS (Check, Card No.) _____ No. _____ Type _____ Auth. _____ PICKED UP BY _____ Route No. _____ Time _____ Date _____				

<b>Ship</b>	<b>Track</b>	<b>Rate</b>	<b>Pickup</b>	<b>Location</b>	<b>Supply</b>
By Number	By Reference	By Email	Signature P.O.D.	Sky Courier Shipments	

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**TRACKING RESULTS: DETAIL**

Tracking Number: 7784006075

**Shipment Summary:**

Current Status: Shipment delivered.  
 Delivered on: 7/29/04 12:01 pm  
 Delivered to:  
 Signed for by: DREHER

**Shipment History:**

DATE	TIME	ACTIVITY AND COMMENTS	LOCATION
7/29/04	12:01 pm 9:34 am	Shipment delivered. With delivery courier.	Hanover, Germany Hanover, Germany
7/28/04	6:28 am	Arrived at DHL facility.	New York, NY
7/27/04	5:42 pm 5:02 pm	Departing origin. Picked Up by DHL.	Houston, TX Shipper's Door

**Shipper:**

BAKER HUGHES INTEQ  
 Houston, TX 770735114  
 United States

**Receiver:**

MR. HANS REHBOCK  
 Wrenhausen, 29342  
 De

**Shipment Detail:**

Service: Next Day AM  
 Special:  
 Weight:  
 Pieces:

Ship Type:  
 Description: DOCS  
 Shipper's Reference: 414-35351-US

- Tracking detail provided by DHL: 9/9/2004, 1:32:05 pm pt.
- For assistance, please [contact us](#).
- You are authorized to use DHL tracking systems solely to track shipments tendered by or for you to [ use of DHL tracking systems and information is strictly prohibited.

